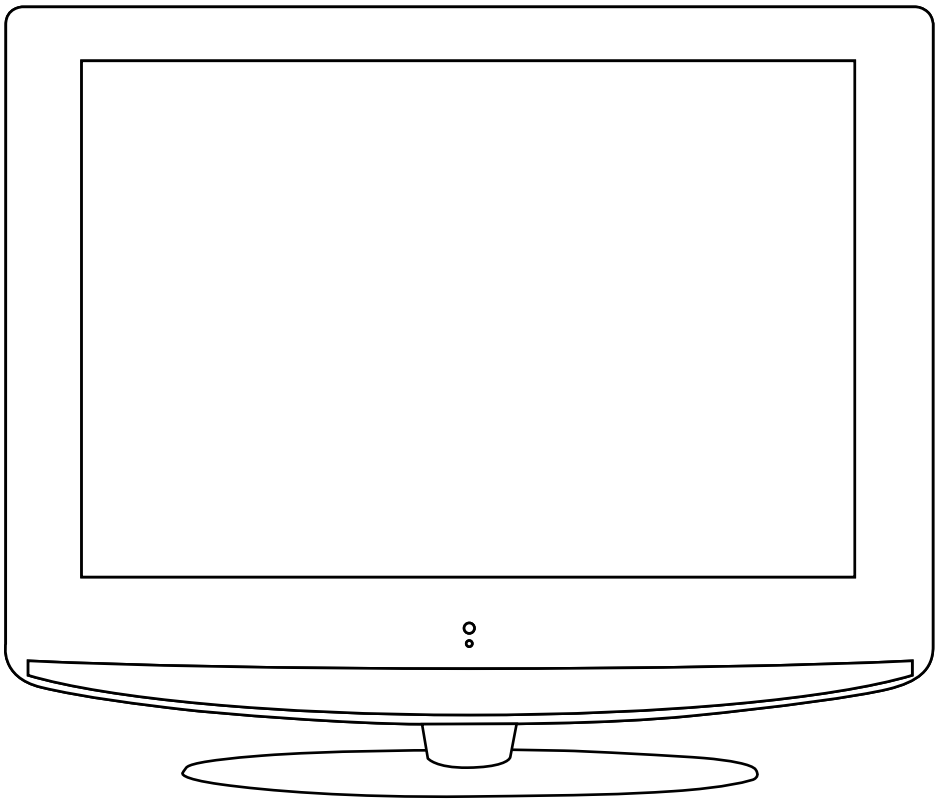
MARKS &
SPENCER

LCD digital colour TV

MS2251



USER GUIDE

LCD Screen

Although the LCD screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue or green) may appear constantly on the LCD screen and is not a malfunction.

HELP

If you have any problem setting up this Television, trouble getting a signal or difficulties with the operation of the DVD player.
Please Contact our Helpline where we will be able to assist you.
Call 0845 6710665

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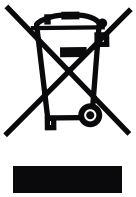
Caution

The lightening flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.

The exclamation point within an equilateral triangle is intend to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Correct disposal of this Product



“Correct Disposal of Product”
Produced after 13 August 2005. Waste electrical should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

This appliance complies with European Safety and Electrical directives

Safety Information

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below.

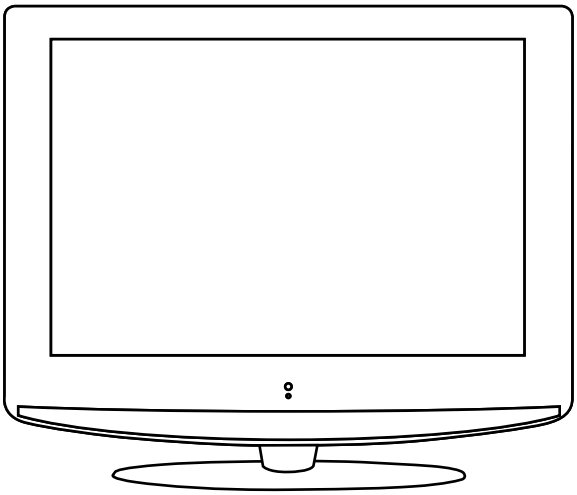
Electrical safety

- The TV set should only be connected to a mains supply which matches that stated on the label on the mains adaptor
- To prevent overload, don't share the same mains supply socket with too many other items of equipment.
  - Do not place any connecting wires where they may be stepped on or tripped over.
  - Do not place heavy items, which may damage the leads, on them.
  - Hold the Mains plug, not the wires, when removing from a socket.
  - During a thunderstorm or while leaving the TV for long periods, disconnect the aerial (if outdoor) and mains adaptor from the supply.
  - Do not allow water or moisture to enter the TV or mains adaptor. Do NOT use in wet or moist areas such as Bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if:
  - the mains plug or cable is damaged
  - liquid is spilt onto the set, or if it is accidentally exposed to water or moisture
  - anything accidentally penetrates the ventilation slots
  - the set doesn't work normally.
  - Do NOT remove the safety covers. There are no user serviceable parts inside. You may invalidate the warranty. Qualified personnel must only service this apparatus.
  - To avoid battery leakage, remove exhausted batteries from the remote control handset, or when not using for a long period.
  - Do NOT break open or throw exhausted batteries on a fire.

Physical safety

- Do NOT block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around.
- Do NOT tap or shake the TV screen, you may damage the internal circuits. Take good care of the remote control, do not drop.
- To clean the TV use a soft dry cloth. Do NOT use solvents or petrol based fluids. For stubborn stains, you may use a damp soft cloth with dilute detergent.

Unit and Accessories



TV set

Remote Control

Power cable

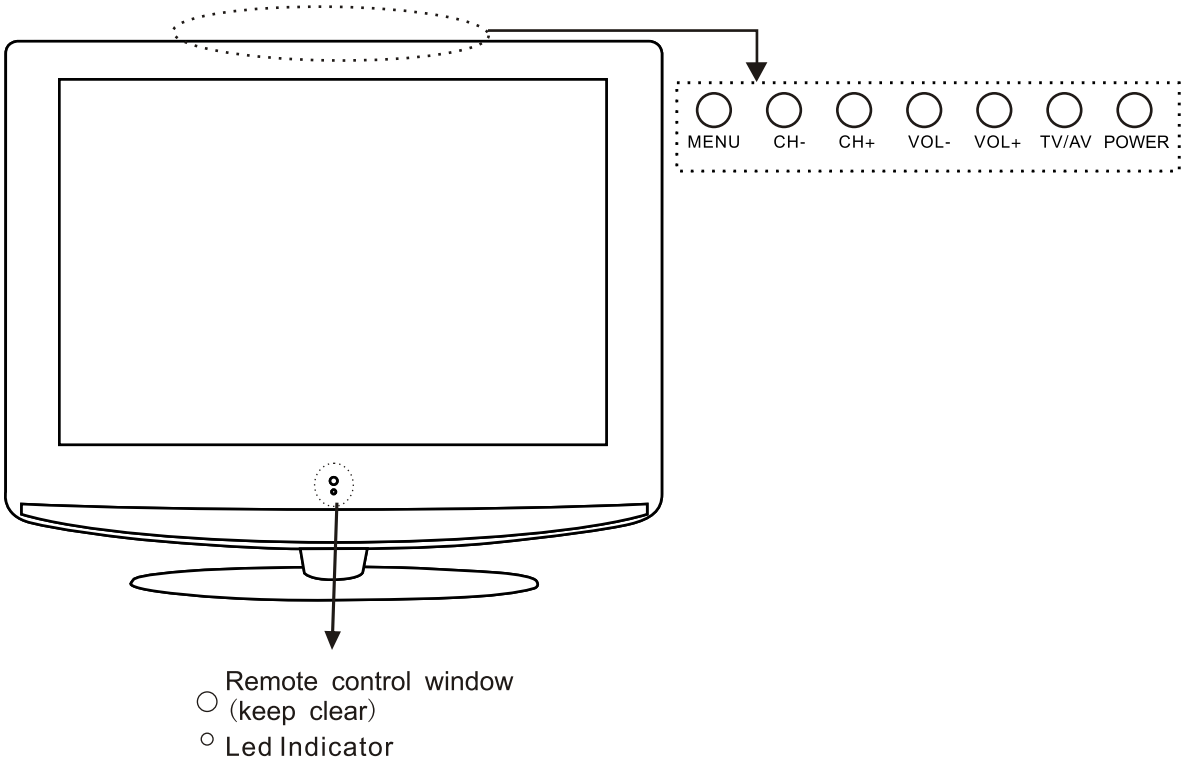
USER GUIDE

EASY START GUIDE

If any of the below is missing please return the boxed unit with its contents to nearest M&S store selling Technology products.

Getting Started

Front view



- (IR) Infrared Receiver: Receives IR signals from the remote control.
  (Power on/Standby) LED Indicator: Press **POWER** to turn on and off,

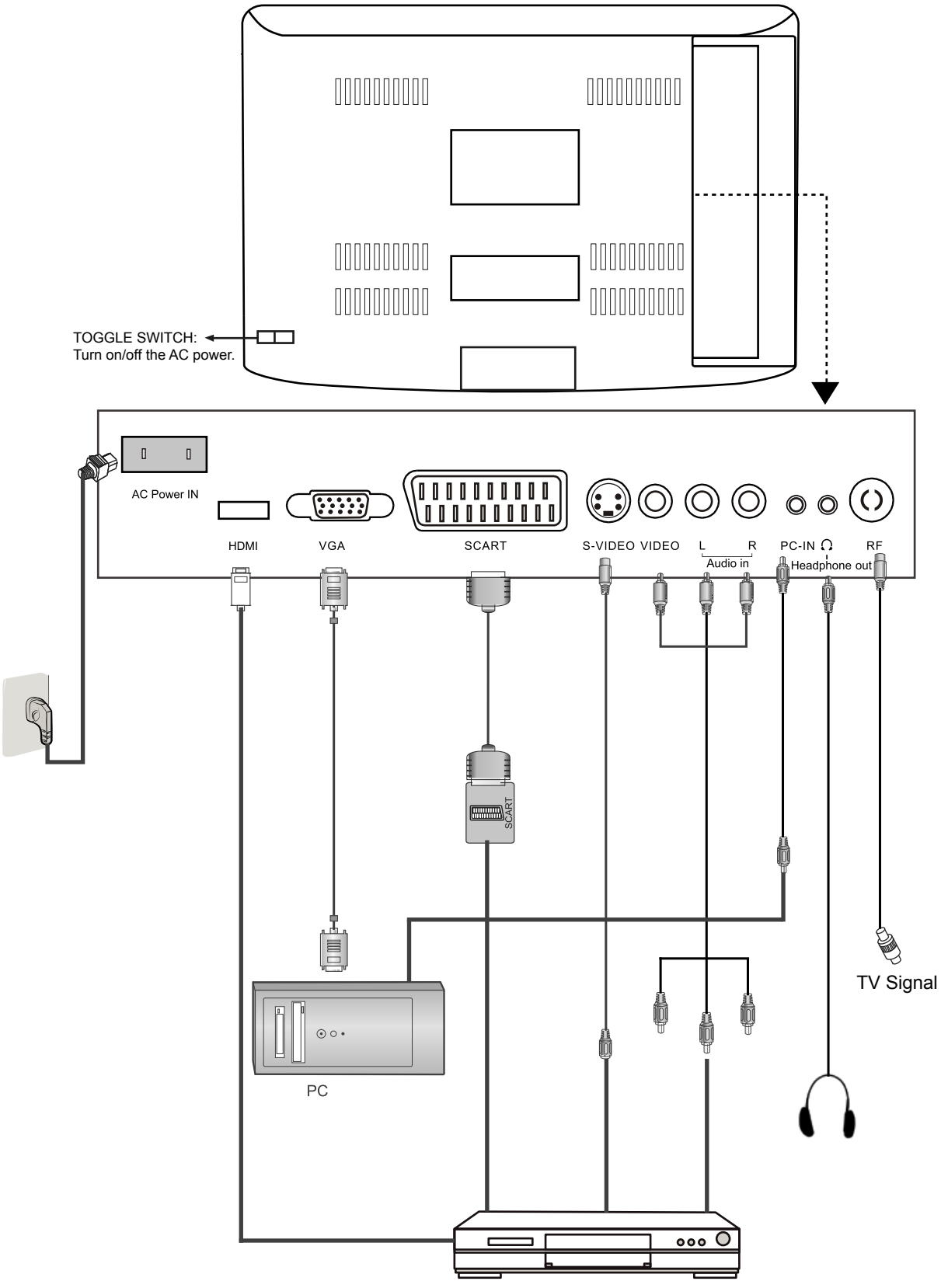
Indicator on(Red)	Standby mode
Indicator on(Green)	Power on mode

The effective receiving scope for the signal is 5-8 meters from the front of the remote control window, and 30° to the left or right side and 20° above or below the control window.

- The functions of the buttons are described as below:

Power : Turn on/standby the TV set.
TV/AV: Press to display the input source menu(see page 9).
VOL +/-: Press to adjust the volume.
CH +/-: Press to scan through channels.
MENU : Press to display the OSD menu, Press again to exit the menu.

Rear view

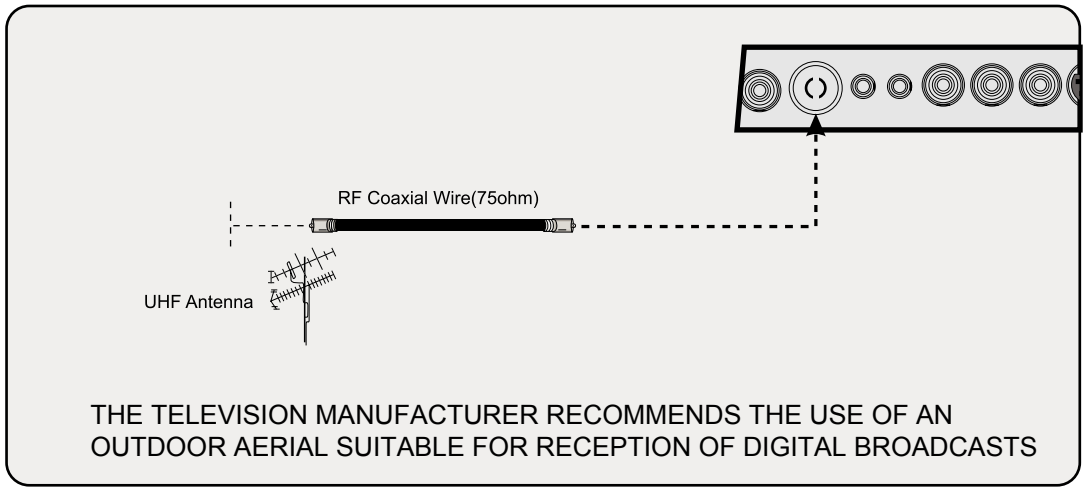

TOGGLE SWITCH:
Turn on/off the AC power.
AC Power IN
HDMI
VGA
SCART
S-VIDEO
VIDEO
L
R
Audio in
PC-IN
Headphone out
RF
SCART
TV Signal
PC

REAR CONNECTIONS

Name	Function Description
AC POWER IN	Connect to power supply
HDMI	Connect to the HDMI of your DVD or other equipment
VGA IN	VGA signal from computer output
SCART	Connect to the composite terminal of your DVD/VCR
S-Video IN	S-Video signal input
Video IN	Video signal input
(AUDIO)L/R IN	Audio signal input for AV
PC Audio IN	PC audio input
Headphone	Connect it to your headphone or other audio equipment
RF	Connect to antenna or cable source

Wall Mounting

The TV is provided with mounting holes for a VESA 75mm approved wall mounting bracket (NOT SUPPLIED). Remove the Two Posi screws holding the base to the base bracket and lift the base away (do not remove the base mounting bracket). Mount the VESA bracket using 4 x M4x 10 Iso metric threaded screws (not supplied). Do not use screws longer than10 mm, damage will occur to the internal parts. Fit the wall bracket securely following the manufacturers instructions.


RF Coaxial Wire(75ohm)
UHF Antenna
THE TELEVISION MANUFACTURER RECOMMENDS THE USE OF AN
OUTDOOR AERIAL SUITABLE FOR RECEPTION OF DIGITAL BROADCASTS

Remote Control Key Functions

POWER OFF
Switch off the power supply.
FUNCTION
Press to display the input source menu.(see page 9)
STANDBY
Turn the TV on/standby.

Colour buttons: short cuts-follow the coloured links in the text.
Blue Button: Nicam.
TEXT: Turn off/on the Teletext display.
SUBPAGE: Selects subpage, press again to cancel.
HOLD: Hold or carry on the current subpage.
REVEAL: Reveals any hidden text.
MENU: System setup menu.
QUICK START: To tune in your TV.
FAV: Means favorite, to display the favorite channel list defined by you.
EXIT: Exit the OSD menu.
MUTE: Mutes the Audio.
DISPLAY: Display brief information concerning the current channel you are viewing.
Cursor left/right/up/down: Cursor buttons used in menus.
OK: CONFIRM BUTTON for menu.
VOL+/-: Adjust the volume.
PROG+/-: Scan through channels.

0-9,-/--
Choose channel directly. Number buttons for DVD.
PICTURE: Select the picture mode.
SOUND: Select the sound mode.
Timer
Standby timer.
ASPECT
Press to change the display mode of the screen.

Menu Operation

Basic TV operation

Turning on and off the TV

TURN ON LCD TV

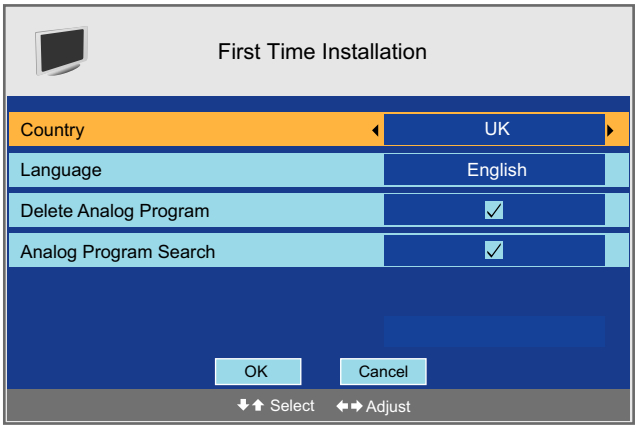
1. Connect power supply cable to the mains power supply and turn on the power by using the “toggle switch” at the back of the tv on the left hand side. The standby indicator on the front of the tv will light up red.
2. Use the **power** button on the right hand side of your tv or the **standby** button on your remote control to turn the tv on. The standby indicator will turn green.

TURN OFF LCD TV

1. Press the **power** button on the right hand side of your tv to enter **standby** mode. The standby indicator will turn red.
2. Press the **Power Off** button on the remote control to switch off from the power supply. The standby indicator light will extinguish.

First time installation

NOTE: When you initially use the TV, you will see the “**First Time Installation**” menu as below:



You can select “Country” and “Language”(OSD display language),
When you have selected, press ⇧ ⇩ buttons to select “OK”, and press OK button to start auto search.

The TV will start searching from the lowest frequency(You can press **MENU** to cancel the auto search.). When it finds a station, it will automatically store this in the first location and move to the next. When Autosearch is complete, the TV will display the first station found.
If you want to change the order of the programs, you could use the "Program Edit" function to change(see page 15).

Volume adjustment

1. Press **VOL+/-** to adjust the volume.
2. If you want to switch the sound OFF, press the **MUTE** .
3. You can cancel this function by pressing MUTE or VOL+ button.

Choosing a TV channel

1. Using the CH+/- on the front panel or PROG+/- on the remote control.

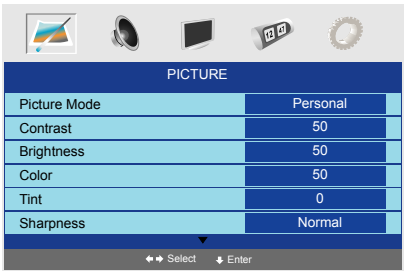
- Press **CH+/PROG+** to increase channel number.
- Press **CH-/PROG-** to decrease channel number.

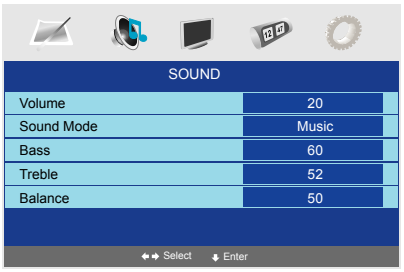
2. Using 0-9 digital buttons and -/-- button

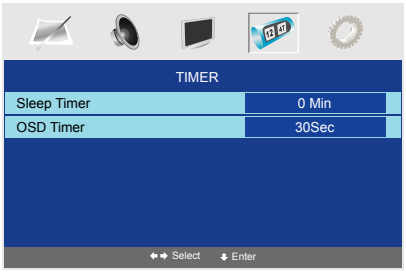
Press **-/--** button, then the screen will display “-”, press again it will become “- -”.
When it displays “-”, you should then press a unmber of 0-9 to play the channel you desired;
When it displays “- -”, you should then press two unmbers to play the channel you desired.

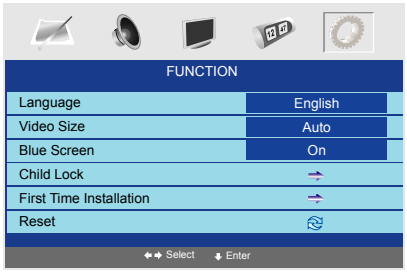
How to adjust the OSD screen

- Press the **MENU** button to display the main menu.
- Use ⇦/⇨ buttons to select menu, and press ⇩ button to enter the menu.









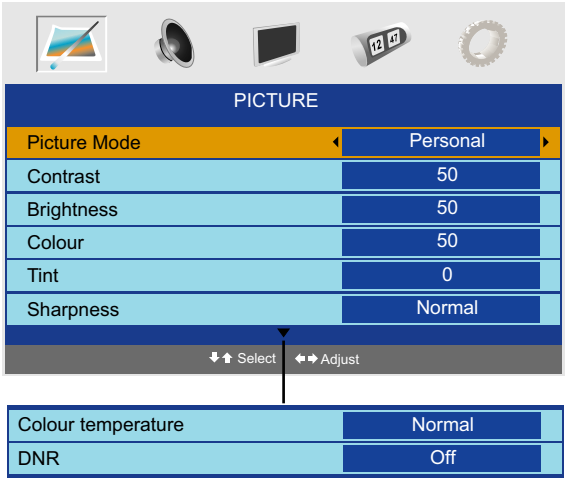
Selecting input source

You can dispaly the input source menu by pressing the **FUNCTION** button on the remote control or on the the TV set, press ⇧/⇩ button to select, and press **OK** button to confirm.

In this manual, the settings shown on the OSD (On Screen Display) may be different from those on your TV. Those printed here are only an example to help demonstrate TV operation.

PICTURE menu options

Press the MENU button on the top of your tv or the MENU button on your remote control then use ⇨/⇦ button to select the picture menu, press ⇩ to enter the menu. (see picture below).

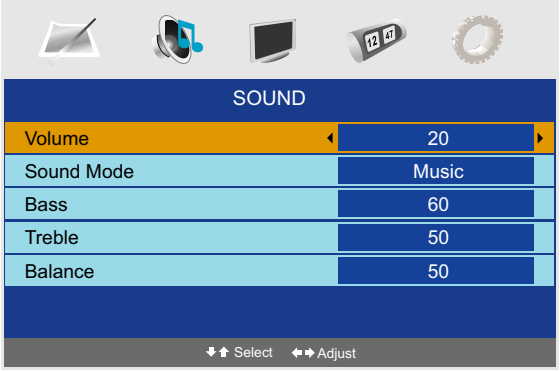


1. Use ⇧/⇩ button to select what you want to adjust in the Picture menu.
2. Press ⇨ / ⇦ button to Adjust.
3. When you are satisfied with your adjustment, press **MENU** button.

Picture Mode
Select the type of picture which best corresponds to your viewing requirements by selecting Picture Mode in **Picture** menu. You may select the picture mode directly by pressing the **PICTURE** button on the remote control.
Contrast
Adjust the contrast of the picture.
Brightness
Adjust the brightness of the picture.
Colour
Adjust the colour of the picture.
NOTE: This option is invalid in PC mode, and it will be shown in gray.
Tint
Adjust the tint of the picture(in NTSC mode).
Sharpness
Select sharpness mode of the picture.
Colour Temperature(in VGA mode)
Select an optimum color temperature mode to suit your eyes for viewing among Normal, Warm and Cold.
DNR
If the broadcast signal received is weak, you can select the DNR option to reduce the video noise level between Off, Low, Mid and High.

SOUND menu options

Press the MENU button on the top of your tv or the MENU button on your remote control then use ⇨/⇦ button to select the sound menu, press ⇩ to enter the menu. (see picture below).



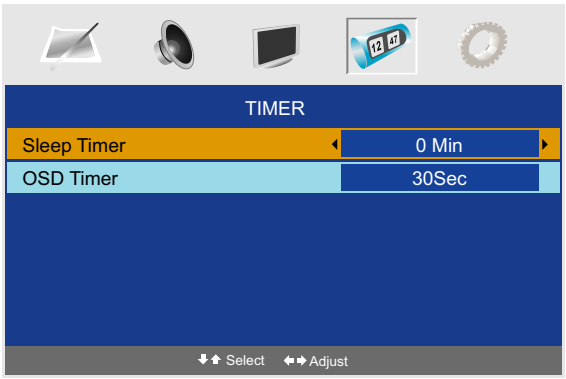
1. Use ⇧/⇩ button to select what you want to adjust in the Sound menu.
2. Press ⇨ / ⇦ button to Adjust.
3. When you are satisfied with your adjustment, press **MENU** button.

Volume
Adjust the volume.
Sound Mode
Select the type of sound which best corresponds to your listening requirements by selecting Sound Mode in **Sound** menu. You may select the picture mode directly by pressing the **SOUND** button on the remote control.
Bass
Adjust the level of the lower-pitched sounds.
Treble
Adjust the level of the higher-pitched sounds.
Balance
Adjust the audio output between left and right speakers.

NOTE: The Treble and Bass levels can only be adjusted when the sound setting personal is selected.

TIMER menu options

Press the MENU button on the top of your tv or the MENU button on your remote control then use ⇨/⇦ button to select the Timer menu, press ⇩ to enter the menu. (see picture below).

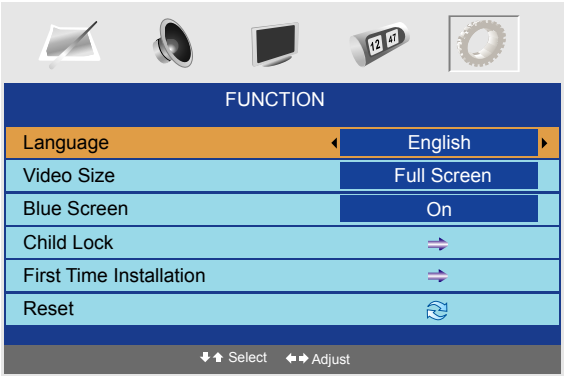


1. Use ⇧/⇩ button to select what you want to adjust in the Timer menu.
2. Press ⇨ / ⇦ button to Adjust.
3. When you are satisfied with your adjustment, press **MENU** button.

Sleep Timer
Select the sleep time to put the TV automatically into standby mode after a specified period of time. The period of time for automatic switch off can be selected in steps 15, 30, 45, 60, 75, 90, 105, 120 and 0 Min(Off). You can also select the automatic sleep time by pressing the TIMER button on the remote control repeatedly.
OSD Timer
You can select the time period for OSD display to remain on the screen such as: 5Sec, 10Sec, 15Sec, 20Sec, 25Sec and 30Sec

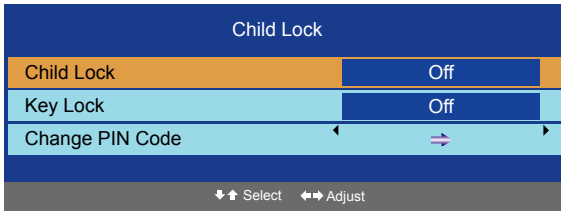
FUNCTION menu options

Press the MENU button on the top of your tv or the MENU button on your remote control then use ⇨/⇦ button to select the Function menu, press ⇩ to enter the menu. (see picture below) .

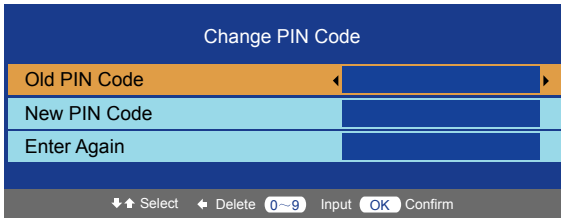


1. Use ⇧/⇩ button to select what you want to adjust in the Function menu.
2. Press ⇨ / ⇦ button to Adjust.
3. When you are satisfied with your adjustment, press **MENU** button.

Language
Select the language of the OSD menu.
Video Size
Select the screen display mode.
Note: The available aspect modes may differ from one input source to another.
Blue Screen
To turn on/off the function, when the function is turned on, the screen background will turn blue at very weak or no signal condition.
Child Lock
Press ⇨ button to enter the Child Lock menu as below:
Child Lock: Turn on/off the child lock function.
Key Lock: This option allows you to lock the buttons on the TV set, so that a child may not accidentally change your viewing preferences.



Change PIN Code: Set pin code.
Old PIN Code: The default is no password, press OK to confirm. If the Pin code has been changed you must enter the present code.
New PIN Code: Enter the new password.
Enter Again: Enter the new password and press OK to complete the change.



If you turn on the Child Lock function, and set the PIN Code, you have to enter the program edit option in Menu Setup(page 13) to lock one or more channels. If the Quick Start button is pressed you will also be prompted for the child lock password.
Note: If the pin code is changed and the number forgotten or lost, please call the helpline.

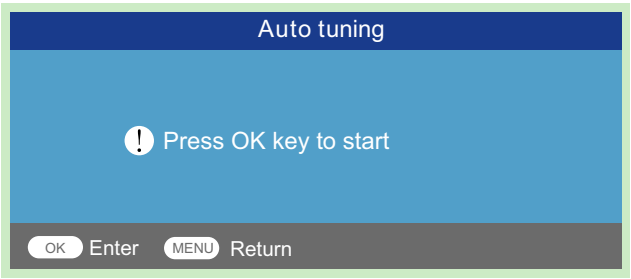
Reset
Press ⇨ button to reset the setup.

SETUP menu options(used in TV source)

Press the MENU button on the top of your tv or the MENU button on your remote control then use ⇨/⇦ button to select the setup menu, press ⇩ to enter the menu. (see picture below).

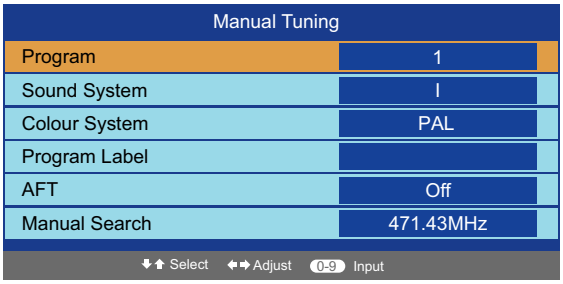
1. Use ⇧/⇩(PROG+/-) button to select what you want to adjust in the Setup menu.
2. Press ⇨ / ⇦ button to Adjust.
3. When you are satisfied with your adjustment, press **MENU** button.

Country
This option allows you to select the country.
Auto Tuning
Press ⇨ button to start auto tuning.
Note: Before you perform Auto Tuning, you must choose the country where you are by selecting COUNTRY option.



Manual Tuning
Note: Before you perform Manual Tuning, you must choose the country where you are by selecting Country option.

Manual Tuning in TV mode



Program: Select the current channel.
Sound System: Select a corresponding sound system.
Colour System: Select a corresponding colour system.
Program Label: Name the current channel, you can also rename the program which you have named. Press ⇨ button to enter, and press ⇨ / ⇦ button to select the position, then press ⇧/⇩(PROG+/-) button or 0-9 button to enter the character, press **OK** button to confirm.
AFT: Due to weak signals or a wrong antenna configuration, some of the channels may not be turned to the best reception condition. AFT function allows you to fine tune channel selected.
Manual Search: Press ⇨ / ⇦ button to search.

Program Edit

Favorite: Set favorite channels.(You could use the **FAV** button to view the favorite channels in TV source.)
Use ⇧ / ⇩ (PROG+/-) button to select the channel, and press the green button on the remote control to set, and there will be a "★" on the channel, press the green button again to cancel. Such as channel 2.

Skip: Skip the channel, the channel will be skiped when you scan the channels with **PROG+/-** button.
Use ⇧ / ⇩ (PROG+/-) button to select the channel, and press the yellow button on the remote control to set, and there will be a "X" on the channel, press the yellow button again to cancel. Such as channel 1,3,4.

Lock: Lock the channel, you have to enter the code(PIN code in Child Lock menu--Function menu) to view the channel.
Use ⇧ / ⇩ (PROG+/-) button to select the channel, and press the blue button on the remote control to set, and there will be a "🔒" on the channel, press the blue button again to cancel. Such as channel 5.

Move: Adjust the channel's position.
Use ⇧ / ⇩ (PROG+/-) button to select the channel, press ⇨ button to pull out the channel label(as channel 3), and press ⇧ / ⇩ (PROG+/-) button to select the position you like, press ⇨ button to confirm.

Simple Troubleshooting

If the display or performance fails check the tv in accordance with the following instructions. If the tv still fails to function correctly contact your dealer for assistance.

SYMPTOM	POSSIBLE CAUSE	REMEDY
	GENERAL	
Dead. No LED Lit	No power to the TV.	Check all connections to the TV.
Dead Led lit red	Set still in standby.	Press either the Power button or the Standby button on the Remote control.
Blue screen.	No signal.	
	Incorrect source selected.	Press FUNCTION button to select correct source.
Noisy, snowy, ghosting picture (TV)	Poor aerial signal.	If using an indoor aerial, try moving the aerial. Check aerial connections.
No sound	Sound "Mute".	Turn sound "Mute" OFF.
	Volume set too low.	Check volume settings.
	External leads not connected "if used".	Check all external leads are connected.

Techincal Specifications

TV

TVSystem	PAL/SECAM, BG/DK/I
Screen size	22"(diagonal)
Resolution	1680x1050pixels (RGB)
Aerial input	75 Ω (unbalanced)
Audio output power	2x3 W
Power Consumption	AC 100-240V 50/60Hz 60W

Remote control

Type	infrared
Control distance	5m
Control angle	30° (horizontal)
Batteries	2 x 1.5 V, size AA
Dimensions	48 x 168 x24 mm
Weight	70 g (without battery)

MARKS & SPENCER

Your guarantee

Your Marks & Spencer Product is covered by a warranty for 5 years from the date of purchase. Please retain your till receipt as this will validate your date of purchase. If a fault develops during this period call our customer service centre on 0845 671 0665, who will advise you on the best course of action.

This may be to return it with original packaging to any M&S store (except Outlets and Simply Food stores) along with your receipt. If it's within 90 days of purchase we will offer an exchange for a new product or a full refund. After 90 days and for theremainder of the guarantee period, we will arrange for the product to be repaired.

Once the tamperproof seal on your technology product is broken, refunds can only be given in accordance with your legal rights. Remember you are not entitled to a refund if you simply change your mind, or if you damage the goods after you buy them.

Should a repair not be possible, we will exchange the product for a new or nearest equivalent product. In the unlikely event of being unable to exchange, we will offer a full refund.

This warranty is only valid within the United Kingdom, Republic of Ireland and/or Channel Islands. This warranty excludes faults caused by accident, neglect, misuse, not following the instructions or normal wear and tear.

This warranty is in addition to your legal rights and supersedes any guarantee or warranty that is with the product.

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